

**WHEAT: Production Costs and Returns, Northern Plains Region,
Excluding Government Payments, 1998-2005 1/ 2/**

Item	1998	1999	2000	2001	2002	2003	2004	2005
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Wheat	100.10	85.49	83.98	77.94	80.59	124.20	141.44	114.31
Wheat straw	1.74	1.42	1.67	1.85	2.39	2.07	2.38	2.42
Total, gross value of production	101.84	86.91	85.65	79.79	82.98	126.27	143.82	116.73
Cash expenses								
Seed	7.64	6.36	6.19	6.34	6.33	7.89	8.06	8.47
Fertilizer, lime, and gypsum	14.78	13.46	13.91	19.66	14.40	19.74	19.41	22.39
Chemicals	10.61	10.28	10.15	10.14	10.09	10.02	14.26	14.26
Custom operations	4.04	3.82	4.00	3.77	3.13	4.68	6.80	6.80
Fuel, lube, and electricity	4.25	4.16	6.06	6.03	5.22	7.02	6.28	8.72
Repairs	8.10	8.85	9.85	9.66	9.57	10.38	9.89	10.30
Hired Labor	1.45	1.48	1.60	1.67	1.70	1.80	1.80	1.86
Other variable cash expenses 3/	0.16	0.16	0.16	0.17	0.17	0.18	0.10	0.10
Total, variable cash expenses	51.03	48.57	51.92	57.44	50.61	61.71	66.60	72.90
General farm overhead	6.32	6.42	6.49	6.76	6.97	7.16	9.00	9.46
Taxes and insurance	3.76	3.81	3.85	3.95	3.99	4.08	6.88	6.94
Interest on operating inputs	1.19	1.11	1.45	0.94	0.41	0.32	1.10	1.21
Total, fixed cash expenses	11.27	11.34	11.79	11.65	11.37	11.56	16.98	17.61
Total, cash expenses	62.04	59.91	63.71	69.09	61.98	73.27	83.58	90.51
Gross value of production less cash expenses listed	39.80	27.00	21.94	10.70	21.00	53.00	60.24	26.22
Harvest-period price (dollars/bu.)	2.91	2.68	2.50	2.66	3.55	3.29	3.40	3.22
Yield (bu./planted acre)	34.40	31.90	33.60	29.30	22.70	37.80	41.60	35.50

1/ Data for 1996-1997 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Data for 1998 and later refer to the Northern Great Plains Region which includes North Dakota, South Dakota, and parts of Montana, Wyoming, Nebraska and Minnesota.

3/ Cost of purchased irrigation water and baling.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site (www.ers.usda.gov/data/)

**BARLEY: Production Costs and Returns, Northern Plains Region,
Excluding Government Payments, 1998-2005 1/ 2/**

Item	1998	1999	2000	2001	2002	2003	2004	2005
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Barley	79.90	73.27	68.82	75.98	69.85	154.25	137.39	102.03
Barley straw	2.07	1.79	2.02	2.07	2.33	4.13	4.33	4.41
Total, gross value of production	81.97	75.09	70.84	78.05	72.18	158.38	141.72	106.44
Cash expenses								
Seed	6.30	5.73	5.84	5.84	5.81	8.21	7.89	7.88
Fertilizer, lime, and gypsum	14.49	13.52	13.80	18.15	14.16	16.43	17.45	20.13
Chemicals	8.11	8.14	7.77	7.93	7.88	12.16	12.16	12.16
Custom operations	3.49	3.68	3.64	3.77	3.72	6.13	6.18	6.18
Fuel, lube, and electricity	7.55	7.72	10.28	8.92	8.30	7.76	9.03	12.54
Repairs	14.08	14.25	14.91	15.02	14.58	14.24	14.56	15.17
Hired Labor	4.50	4.65	4.88	5.23	5.18	1.97	2.02	2.08
Other variable cash expenses 3/	1.06	1.32	1.14	1.32	1.19	0.69	0.70	0.72
Total, variable cash expenses	59.58	59.01	62.26	66.18	60.82	67.59	69.99	76.86
General farm overhead	6.07	5.77	5.82	6.01	6.15	8.10	8.28	8.70
Taxes and insurance	11.14	10.39	10.70	10.70	10.89	6.77	6.88	6.94
Interest on operating inputs 4/	11.33	11.40	11.40	12.15	10.84	0.35	0.54	1.27
Total, fixed cash expenses	28.54	27.56	27.92	28.86	27.88	15.22	15.70	16.91
Total, cash expenses	88.12	86.57	90.18	95.04	88.70	82.81	85.69	93.77
Gross value of production less cash expenses listed	-6.15	-11.51	-19.34	-16.99	-16.52	75.57	56.03	12.67
Harvest-period price (dollars/bu.)	1.69	1.73	1.59	1.83	2.14	2.82	2.48	1.90
Yield (bu./planted acre)	47.28	42.35	43.28	41.52	32.64	54.70	55.40	53.70

1/ Data for 1996-2002 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Data for 2003 and later refer to the Northern Great Plains Region which includes North Dakota, portions of Nebraska, Colorado, Wyoming, South Dakota, Montana, and Minnesota Ag. Statistics District 10.

3/ Cost of purchased irrigation water and baling.

4/ Data for 2003 includes interest on operating inputs only.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site (www.ers.usda.gov/data/)